

# **WEEKLY PROGRESS REPORT**

## **UPSKILL CAMPUS**

### **Internship in data science and machine learning**

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#### **WEEK 1**

##### **➤ CONTENT**

- In the first week of the internship , a brief introduction on the topics like data science and machine learning were given.
- We were taught about what big data is , the 3v's i.e volume , velocity and variety. We were also told about how fast the data is being created in this world and the need of data scientist in future .
- A introduction to machine learning was also given and topic like machine learning algorithms , its uses and applications , relationship between AI-ML-DL , types of machine learning , machine learning process were covered .
- I also received my internship projects .

## ➤ CHALLENGES AND HURDLES

- Understanding machine learning algorithms and process was a challenge for me .
  - I watched the lecture again to understand it properly.
- The projects that I received from upskill campus was difficult to understand for me as I am new to this domain .
  - I am doing research on the projects , so that I can understand and build them properly.

## ➤ LESSONS LEARNED

1. I got decent knowledge about data science and machine learning .
2. Because of the challenge of understanding ml process , I got a strong grip on all the topics of machine learning that were taught.
3. I also got to know how AI(artificial intelligence) , ML(machine learning) and DL(deep learning) work together.
4. The internship projects will definitely help in improving my problem solving skills and it will be great experience making them.